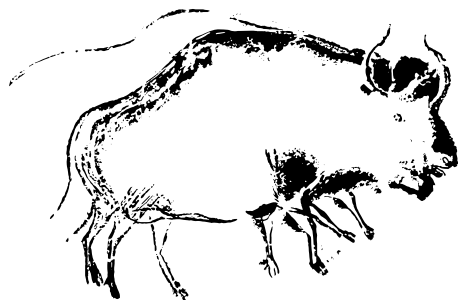




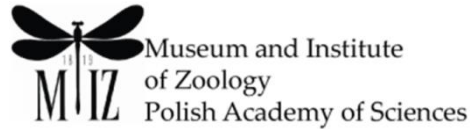
26th-28th September 2018

Centre of New Technologies, Banacha 2c, 02-097 Warsaw

SCIENTIFIC PROGRAM



Organizers



Mammal Research Institute
Polish Academy of Sciences
Białowieża

Schedule overview

Wednesday 26/09/2018		Thursday 27/09/2018		Friday 28/09/2018	
		Plenary Lecture		Plenary Lecture	
		9.00 - 10.00	John Quinn	9.00 - 10.00	Justyna Wolińska
		session 2. Behavioural Ecology		session 4. Physiology & morphology	
		10.00 - 10.45	talks	10.00 - 11.00	talks
		10.45 - 11.15	coffee break	11.00 - 11.30	coffee break
		session 2. cont.		session 5. Phylogenetics	
		11.15 - 12.30	talks	11.30 - 12.45	talks
		12.30 - 13.30	lunch break	12.45 - 13.45	lunch break
13.00 - 17.00	registration	Plenary lecture		session 4. Physiology cont.	
		13.30 - 14.30	Celine Teplitsky	13.45 - 15.00	talks
		session 3. Genetics			
		14.30 - 15.00	talks	15.00 - 15.30	coffee break
		15.00 - 15.30	coffee break		
		session 3. cont.		session 6. Life history +	
15.30 - 16.30	talks	15.30 - 16.30	talks		
17.00 - 17.15	opening	16.30 - 18.00	poster session	15.30 - 16.30	talks
Plenary Lecture				16.30 - 17.00	closing remarks
17.15 - 18.15	Krzysztof Spalik				
session 1. Species interactions					
18.15 - 19.00	talks				
19.00 - 21.00	Welcome reception	19.00 -	Conference dinner	18.00 -	Pub crawl

Saturday 29/09/2018: boat trip (10.00-14.00)

Detailed schedule

Wednesday 26/09/2018

13.00-17.00 registration

17.00-17.15 opening

Plenary Lecture

17.15-18.15 Krzysztof Spalik **Communicating evolution in primary and secondary schools: what has gone wrong?**

Session 1 Species interactions

18.15-18.30 Katarzyna Roguz Spatiotemporal variation in the pollination systems of a supergeneralist plant: Is *Angelica sylvestris* (Apiaceae) locally adapted to its most effective pollinators?

18.30-18.45 Anna Szaciłło Impact of honey bees (*Apis mellifera*) on pollen limitation and floral visitors' activity in a boreal pine forest in NE Poland

18.45-19.00 Danijela Popovic Human-mediated dispersal of cats in the Neolithic Central Europe

19.00-21.00 welcome reception

Thursday 27/09/2018

Plenary Lecture

9.00-10.00 John Quinn **The evolutionary ecology of cognition and personality in wild birds**

Session 2 Behavioural Ecology

10.00-10.15 Katarzyna Wojczulanis-Jakubas Importance of spatial memory for territorial ownership in a lekking hummingbird

10.15-10.30 Tomasz Osiejuk Three call types to communicate everything: duets and solos of the Yellow-breasted boubou (*Laniarius atroflavus*)

10.30-10.45 Paweł Szymański Individual vocal recognition of mates in a duetting species from montane forest of Cameroon

10.45-11.15 coffee break

Session 2 Behavioural Ecology cont.

11.15-11.30 Adrian Surmacki The effect of light conditions on parents' provisioning behaviour in a cavity-nesting Passerine

11.30-11.45 Irene Di Lecce Natural home or concrete? Fitness variation of urban birds breeding in natural and artificial nesting sites

11.45-12.00 Michela Corsini Rearing chicks in a capital city: does human presence and proximity to infrastructural networks affect parental feeding behaviour in urban birds?

12.00-12.15 Magdalena Rusiłowicz Consistency of antipredatory behaviour through metamorphosis

12.15-12.30 Alicja Pawelec Learning and personality traits as important adaptive factors during biological invasions

12.30-13.30 lunch break

Plenary lecture		
13.30-14.30	Celine Teplitsky	Responses to climate change in wild populations: adaptive responses and evolutionary potential (G matrices)
Session 3	Genetics	
14.30-14.45	Mateusz Konczal	Population genomics of the critically endangered spoon-billed sandpiper
14.45-15.00	Elżbieta Iwaszkiewicz	Hybrid speciation in action. Annual cycle of local adaptation in an emerging hybrid species
15.00-15.30	coffee break	
Session 3	Genetics cont.	
15.30-15.45	Magdalena Herdegen-Radwan	The role of introgression in maintaining trans-species polymorphism of highly polymorphic immune genes
15.45-16.00	Piotr Minias	Evolution of copy number variation at the avian MHC
16.00-16.15	Katarzyna Toch	The change in epistatic interactions under heat shock stress in <i>Caenorhabditis elegans</i>
16.15-16.30	Paweł Hałakuc	Tracing evolutionary changes in rRNA genes in Euglenozoa
16.30-18.00	poster session	
19.00	conference dinner	

Friday 28/09/2018

Plenary Lecture		
9.00-10.00	Justyna Wolińska	Parasites promote host diversity and ecosystem stability
Session 4	Physiology (<i>sensu lato</i>: from molecules to morphology)	
10.00-10.15	Wojciech Wilczyński	The combined effects of hypoxia and fish kairomones on several physiological and life history traits of <i>Daphnia</i>
10.15-10.30	Marion Chatelain	Metal pollution in the urban mosaic: a tale of two stories
10.30-10.45	Katarzyna Janas	Nano-scale architecture of the blue tit feathers
10.45-11.00	Małgorzata Niškiewicz	Sexually-selected weapon increases extinction risk under genetic stress
11.00-11.30	coffee break	
Session 5	Phylogenetics	
11.30-11.45	Przemysław Gagat	Import of nuclear-encoded proteins into the photosynthetic organelles of <i>Paulinella</i>
11.45-12.00	Krzysztof Bartoszek	Multivariate phylogenetic comparative methods for large clades and pre-specified adaptation patterns
12.00-12.15	Łukasz Banasiak	MatPhylobi – constructing and updating taxonomic and phylogenetic datasets from GenBank databases
12.15-12.30	Marcin Piwczyński	Use and misuse of Bayesian molecular clock dating of species divergences
12.30-12.45	Mateusz Baca	Post-glacial recolonization of Europe by <i>Microtus arvalis</i> - evidence from ancient DNA

12.45-13.45 ***lunch break***

Session 4 **Physiology cont.**

13.45-14.00	Natalia Szabla	Is cell size adaptive?
14.00-14.15	Paweł Brzęk	Capacity of non-shivering thermogenesis in laboratory mice with genetic variation in maximum and basal metabolic rate
14.15-14.30	Jowita Niedojadło	The thermoneutral zone in zebra finches acclimated to contrasting temperatures
14.30-14.45	Amadeusz Bryła	Fly cheap, risk oxidative damage: Energy-oxidative stress trade-offs in flying starlings
14.45-15.00	Maciej Działo	The difference in self-maintenance costs between autumn and spring migration in a songbird is dependent on antioxidant availability

15.00-15.30 ***coffee break***

Session 6 **Life history theory +**

15.30-15.45	Mirosław Ślusarczyk	The longest sleepers – what shapes the maximum length of developmental arrest?
15.45-16.00	Andrzej Antoł	Size dependence of offspring production in isopods: a synthesis
16.00-16.15	Kamil Frankiewicz	Paedomorphic traits evolve independently as a response to plant life-form in umbellifers wood
16.15-16.30	Zofia Prokop	Understanding human attitudes towards nature through evolutionary biology

16.30-17.00 **closing remarks**

18.00 ***pub crawl***

Poster Session - **Thursday 27/09/2018, 16.30-18.00**

You can vote for the best student poster! The competing posters will be **marked with a yellow S** in the top right corner and with S in the program below. After choosing one favourite poster, place your voting card (you will find it in your conference bag) at the reception desk.

P1	Aneta Arct	Weather conditions and extra-pair paternity in birds
P2	S Ewa Babkiewicz	Reduced detection distance or easier turn at less viscous medium: two possible reasons why warming increases the number of apparent prey in reaction field volume of zooplanktivorous fish
P3	S Agnieszka Bona	Clonal growth strategy of the shrub birch <i>Betula humilis</i> Schrk.
P4	Michał Budka	Functions of duets and chorus in Chubb's cisticola
P5	S Sebastian Chmielewski	Do hosts and parasites adapt locally: a test using the guppy fish and their gyrodactylid parasites
P6	Krzysztof Deoniziak	Are urban birds singing in a more complex way?

P7	Karolina Doan	Genetic characteristics of the inhabitants of Wrocław during the early modern period in their ethnic, biological and epidemiological contexts.
P8	S Michał Gierek	Phylogenetic relationship within of <i>Athamanta-Conopodium</i> clade (subtribe Scandiceae, family Apiaceae)
P9	Michał Gładalski	Experimental reduction in nest micro- and macro-parasite loads and hematological condition indicators of Great Tit <i>Parus major</i> nestlings
P10	Eliza Głowska	Endosymbiotic bacteria of quill mites (Acariformes: Syringophilidae): diversity, transmission and evolution
P11	S Michał Gorczak	Simplify and become a parasite. Lessons from Laboulbeniomyces (Ascomycota, Fungi).
P12	S Marta Grosiak	Age related hypothermic responses to fasting in zebra finches <i>Taeniopygia guttata</i>
P13	S Natalia Gumińska	Order of introns removal from transcripts of gapC and tubA genes of euglenids
P14	Jan Jedlikowski	Development of urban behavioural type is associated with time since urbanization in a reed-nesting waterbird
P15	Andrzej Kaczanowski	Breeding strategies and genome integration in <i>Tetrahymena</i>
P16	S Maciej Kociński	Preliminary phylogeny of bush-crickets <i>Poecilimon affinis complex</i> (Orthoptera) based on cytochrome c oxidase I gene sequences.
P17	S Zofia Korbut	The analysis of the population genetic structure of the common hamster in the Polish-Ukrainian fragment of the species range
P18	S Paulina Kosztyła	The influence of environmental stress on fitness of different reproductive modes in the nematode <i>Caenorhabditis elegans</i>
P19	Justyna Kubacka	Heterozygosity-fitness correlations in a rare songbird: blood parasite infection is explained by single-locus but not genome-wide effects
P20	S Kinga Kułaga	Nocturnal singing in diurnal active birds
P21	S Sazia Kunvar	Genome Analysis: Is posthitis disease of the European bison males associated with Y chromosome monomorphism?
P22	S Małgorzata M. Lipowska	Chronic mild stress does not compromise aerobic exercise performance of bank voles
P23	S Dorota Lutyk	Heritability of reproductive traits in the blue tit
P24	Anna Maria Łabęcka	Body and cell size response to hypoxia in three clones of <i>Lecane inermis</i> rotifer
P25	Istvan Maák	Innate and encounter induced responses of <i>Formica cinerea</i> to corpses of major foes
P26	S Kacper Maciszewski	Evolution of the chloroplast genomes of Dictyochophyceae – an algal lineage with secondary plastids
P27	Martin P. Marinov	Comparison of exploratory behaviour in two subspecies of the willow warbler <i>Phylloscopus trochilus</i> in relation to haemosporidian infections
P28	Ramya Prasanthi Mokkapati	Temporal evolution analysis in the removal of divalent lead from aqueous environment using agro-waste materials - Surface interaction and mass transfer studies
P29	S Alicja Okraśińska	Carbon assimilation profile in Mucorales – an image of their evolutionary history?
P30	Hanna Panagiotopoulou	Genetic polymorphism and structure of grey wolf (<i>Canis lupus</i>) populations in Eurasia

P31	Monika Patrzyk	Genetic characterisation of populations of red deer (<i>Cervus elaphus</i>) from southern Poland, as compared with those from Slovakia and Hungary earmarked for translocation within the region
P32	S Olga Paulouskaya	Adaptation to the P-element invasion in <i>D. simulans</i>
P33	Barbara Pietrzak	Indirect phenotypic effects of age-dependent threat on mortality patterns
P34	Magdalena Płecha	Evolution of introns in the <i>Euglena hiemalis</i> genes based on the draft genome assembly analysis
P35	S Karolina Przesmycka	Experimental test of good-genes-as-heterozygosity hypothesis in a semi natural population of the Trinidadian guppy
P36	S Anna S. Przybylska	Continuum of coping styles in Siberian hamsters
P37	Jacek Radawn	Blood parasites shape extreme MHC diversity in a migratory passerine.
P38	S Katarzyna Roguz	Beyond the reward sweetness - nectar as an interface between plants and their pollinators in the genus <i>Fritillaria</i> (Liliaceae)
P39	S Justyna Ryniewicz	Geographic variation in bacterial microbiome inhabiting nectar of a red-listed plant species <i>Polemonium caeruleum</i> L. (Polemoniaceae)
P40	S Anna Santorek	Does heterozygosity affect reintroduction success in the Capercaillie (<i>Tetrao urogallus</i>)
P41	S Piotr Selewestruk	Oxidative stress in laboratory mice divergently selected for basal metabolic rate - does sex matter?
P42	Edwin Sieredziński	SOFAR zones, various sea depth and speciation mechanism of beaked whales
P43	Anna Sulikowska-Drozd	Patterns of parental investment in a single offspring among oviparous door-snails (Pulmonata: Clausiliidae)
P44	Jacek M. Szymura	Taming the fire-bellied toads 10 Gbp genomes
P45	Szymon Śnieguła	Size-mediated priority effects modify intraspecific competition in a damselfly
P46	S Ewa Tarnowska	Adaptive variability of TLR2 gene across bank vole populations of two mtDNA lineages in NE Poland.
P47	Gema Trigos-Peral	<i>Lasius neglectus</i> vs <i>Linepithema humile</i> : two invasive species from different continents and similar strategy of colonization. meeting in invaded areas.
P48	Paulina Trzeciak	The relationship between seed and cotyledon size in Apiaceae: A comparative test of adaptive vs. constraint hypotheses.
P49	Aleksandra Walczyńska	Body size variability across habitats of differing temperature and oxygen conditions in <i>Brachionus plicatilis</i> (Rotifera) cryptic species complex
P50	S Michał Walesiak	Biogeographical analysis of the cuckoo-host relationships in New Caledonia
P51	Magdalena Witek	Fungus infection changes ant colony personality
P52	S Julia Zaborowska	Reconstructing the phylogeographic relationships among <i>Pinus mugo</i> Turra populations in European mountains
P53	S Elisavet Zagkle	Age-specific differences in thermoregulation in zebra finches
P54	S Marcin Żebrowski	Combined effects of elevated epilimnetic temperature and metalimnetic hypoxia on the foraging rate of planktivorous fish

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